To access the textbook, please go to the following website:
https://www.nelson.com/learningonline/k12openaccess/
and answer the questions. It seems the username and password are generic ones used for the province. Your online textbook is a valuable resource, read examples carefully and thoroughly.

Math 9 - Lesson 7

- Interactive website
- Textbook work

*When dividing powers with the same base, subtract the exponents.

**Dividing Polynomials by Monomials**

1. **Do:** This interactive website explains dividing polynomials by monomials. Please do page 4 of the online activity.
   
   https://apps.contentconnections.ca/gr9mN/Unit4/Lesson6/index.html
   
   (interactive video lesson)

   **OPTIONAL:** Do pages 1-3 dividing polynomials by monomials with algebra tiles and pages 5-6 for applications of dividing polynomials by monomials. There is a practice assignment with a key at the top of this website if you would like to do extra practice.

2. **Read:** Textbook page 144 Example 2: Divide a Polynomial by a Monomial Algebraically.
3. **Do:** Textbook page 147 #6, 8, 10
4. **Try:** 5 Daily Practice Questions
   
   https://ca.ixl.com/math/grade-9/divide-a-polynomial-by-a-monomial

5. **Submit:** Worksheet Dividing Polynomials by Monomials (scroll down to see worksheet)

Just a quick note ...

With the voluntary return of students to the school building you may notice a difference in communication that will be available to students who are learning from home. You will be receiving the SAME lesson as those who are in the building but because teachers will have one day per week for online learning supports, email responses will most likely be delayed. Please note that regularly scheduled Zoom meetings will be cancelled due to the new teaching schedule. I will no longer be assigning an online Show You Know form.
Worksheet: Dividing Polynomials by Monomials

Divide.

\[ \text{a}) \quad \frac{4x^2 - 6x}{-2x} \]

\[ \text{b}) \quad \frac{9x^2 + 6xy}{3x} \]

\[ \text{c}) \quad \frac{15x^2 - 20x}{5x} \]

\[ \text{d}) \quad \frac{16m^2 + 20mn}{4m} \]

\[ \text{e}) \quad \frac{18k^2 - 9k}{9k} \]

\[ \text{f}) \quad \frac{12m + 18mn}{-6m} \]